

SANITATION ENTERPRISE FUND

The Sanitation Fund capital program includes the replacement of roll-off trucks, frontload trucks, sideload trucks, rear load trucks, container delivery trucks, pickup trucks and various refuse containers that have reached the end of their serviceable lives. In FY 2011 funding will be used to replace five sideload refuse trucks, a container replacement delivery truck and a pick-up truck. The plan also includes a new Sanitation Office Trailer in FY 2014.



Project Name: Frontloader Trucks - 17820
Fund #: 2480
Project #: 78002

Project Name: Rolloff Trucks - 17810
Fund #: 2480
Project #: 78001



FY 2011 - 2020 Capital Improvement Program

Capital Projects By Fund and Project Number

2480 - Sanitation

Category: Other

| | <u>FY 2011:</u> | | <u>FY 2012:</u> | <u>FY 2013:</u> | <u>FY 2014:</u> | <u>FY 2015:</u> | <u>FYs 16-20:</u> |
|---------------------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Capital Project Expenses | <u>Carryover</u> | <u>New Funding</u> | | | | | |
| Existing Assets | | | | | | | |
| <i>Replacement of Existing Assets</i> | | | | | | | |
| 78001 Rolloff Trucks - 17810 | 0 | 0 | 0 | 60,900 | 62,727 | 428,000 | 258,000 |
| 78002 Frontloader Trucks - 17820 | 0 | 0 | 0 | 515,000 | 265,000 | 280,000 | 1,770,000 |
| 78003 Sideload Refuse Trucks - 17830 | 0 | 1,225,000 | 1,820,000 | 550,000 | 1,740,000 | 1,220,000 | 8,640,000 |
| 78004 Loose Trash Equipment - 17840 | 0 | 0 | 0 | 113,887 | 617,759 | 870,000 | 4,257,415 |
| 78005 Repl Pickup Trucks -Sanitation | 0 | 63,888 | 43,645 | 50,000 | 0 | 0 | 290,446 |
| <i>Sub-Total - Existing Assets</i> | 0 | 1,288,888 | 1,863,645 | 1,289,787 | 2,685,486 | 2,798,000 | 15,215,861 |
| New Assets | | | | | | | |
| T2411 Sanitation Office Trailer | 0 | 0 | 0 | 0 | 517,500 | 0 | 0 |
| <i>Sub-Total - New Assets</i> | 0 | 0 | 0 | 0 | 517,500 | 0 | 0 |
| Total Project Expenses: | \$0 | \$1,288,888 | \$1,863,645 | \$1,289,787 | \$3,202,986 | \$2,798,000 | \$15,215,861 |
| Total FY 2011 Funding: | | \$1,288,888 | | | | | |

* New Project

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2480 - Sanitation

Category: Other

Project: 78001 - Rolloff Trucks - 17810 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of three roll-off trucks and containers over a 10-year period. Roll-off trucks are used to service the 20 and 40 cubic yard dumpsters seen on construction sites and used in clean up projects. Service life of roll-off trucks is projected to be nine years. None of this equipment is in the city's vehicle replacement fund. In FY 2013 ten 40-yard containers will be purchased at a cost of \$6,000 each. In FY 2014 ten 40-yard containers will be purchased at a cost of \$6,180 each. In FY 2015, two replacement trucks will be purchased at a cost of \$214,000, replacing a truck that has reached its serviceable life purchased back in FY 2006. In FY 2017, one replacement truck will be purchased at a cost of \$258,000, replacing one older truck purchased in FY 2008.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-----------------|------------|------------|-----------------|-----------------|------------------|------------------|
| Finance Charges | \$0 | \$0 | \$900 | \$927 | \$16,316 | \$4,670 |
| Equipment | \$0 | \$0 | \$60,000 | \$61,800 | \$411,684 | \$253,330 |
| TOTAL | \$0 | \$0 | \$60,900 | \$62,727 | \$428,000 | \$258,000 |

Operating Description:

No additional O and M is needed since this is the replacement of existing equipment.

Project: 78002 - Frontloader Trucks - 17820 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of 10 commercial frontload refuse trucks, a commercial sideload refuse truck and a container delivery truck over a 10-year period that are expected to have reached the end of their service life. These trucks typically service businesses and restaurants. Service life is projected to be six years except the delivery truck which is projected at 10 years. These trucks are not in the city's Vehicle Replacement Fund. In FY 2013 replace a frontload truck at a cost of \$250,000 and a sideload truck at a cost of \$265,000. In FY 2014 replace a frontload truck at a cost of \$265,000. In FY 2015 replace a frontload truck at a cost of \$280,000. In FY 2016 replace three trucks at a cost of \$295,000 each. In FY 2017 replace a truck and a at a cost of \$295,000. In FY 2018 replace a truck at a cost of \$295,000. In FY 2019 replace a truck for \$295,000.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-----------------|------------|------------|------------------|------------------|------------------|--------------------|
| Finance Charges | \$0 | \$0 | \$9,860 | \$5,388 | \$5,765 | \$45,831 |
| Equipment | \$0 | \$0 | \$505,140 | \$259,612 | \$274,235 | \$1,724,169 |
| TOTAL | \$0 | \$0 | \$515,000 | \$265,000 | \$280,000 | \$1,770,000 |

Operating Description:

No additional O and M is needed since this is the replacement of existing equipment.

Project: 78003 - Sideload Refuse Trucks - 17830 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of 51 sideload refuse trucks over a 10-year period. Service life is projected at six years for newly purchased equipment. These vehicles are not in the Vehicle Replacement Fund. In FY 2011 replace five trucks at a cost of \$245,000 each. In FY 2012 replace seven trucks at a cost of \$260,000 each. In FY 2013 replace two trucks at a cost of \$275,000 each. In FY 2014 replace six trucks at a cost of \$290,000 each. In FY 2015 replace four trucks at a cost of \$305,000 each. In FY 2016 replace five trucks at a cost of \$320,000 each. In FY 2017 replace six trucks at a cost of \$320,000 each. In FY 2018 replace seven trucks at a cost of \$320,00 each. In FY 2019 replace three trucks at a cost of \$320,000 each. In FY 2020 replace six trucks at a cost of \$320,000 each.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-----------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|
| Finance Charges | \$21,000 | \$31,563 | \$9,650 | \$30,978 | \$22,096 | \$166,952 |
| Equipment | \$1,204,000 | \$1,788,437 | \$540,350 | \$1,709,022 | \$1,197,904 | \$8,473,048 |
| TOTAL | \$1,225,000 | \$1,820,000 | \$550,000 | \$1,740,000 | \$1,220,000 | \$8,640,000 |

Operating Description:

No additional O and M is needed since this is the replacement of existing equipment.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2480 - Sanitation

Category: Other

Project: 78004 - Loose Trash Equipment - 17840 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of loose trash rearload trucks, tractors and sweepers that have reached the end of their service life. Service life for rearload trucks, tractors and sweepers is about eight years. In FY 2013, replace a tractor at a cost of \$113,887. In FY 2014 replace a rearload truck at a cost of \$275,000, a tractor at a cost of \$121,859 and a sweeper at a cost \$ 220,900. In FY 2015 replace three rearload trucks at a cost of \$290,000 each. In FY 2016 replace two rearload trucks at a cost of \$305,000 each, two tractors at a cost of \$137,455 each and two sweepers at a cost of \$ 261,035 each. In FY 2017 replace a rearload truck at a cost of 305,000, a tractor at a cost of \$147,077 and two sweepers at a cost of \$ 279,307 each. In FY 2018 replace two rearload trucks at a cost of \$305,000 each and a tractor at a cost of \$157,372. In FY 2020 replace three rearload trucks at a cost of \$305,000 and a tractor at a cost of \$157,372.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-----------------|------------|------------|------------------|------------------|------------------|--------------------|
| Finance Charges | \$0 | \$0 | \$1,683 | \$9,326 | \$14,766 | \$63,425 |
| Equipment | \$0 | \$0 | \$112,204 | \$608,433 | \$855,234 | \$4,193,990 |
| TOTAL | \$0 | \$0 | \$113,887 | \$617,759 | \$870,000 | \$4,257,415 |

Operating Description:

No additional O and M is needed since this is the replacement of existing equipment.

Project: 78005 - Repl Pickup Trucks -Sanitation (R)

Funding Source:

Sanitation Revenues

Project Description:

These pickups will replace aging pickup trucks over a 10-year period. FY 2011, a replacement pick up truck at a cost of \$23,888 and a replacement container delivery truck at a cost of \$40,000. FY 2012, a replacement container delivery truck at a cost of \$43,645. FY 2013, a replacement mechanic's truck at a cost of \$50,000. FY 2016, two replacement pick-up trucks at a cost of \$33,505 each. FY 2017, four replacement pick-up trucks at a cost \$38,359 each. In FY 2018, a replacement mechanic's truck at a cost of \$70,000.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-----------------|-----------------|-----------------|-----------------|------------|------------|------------------|
| Finance Charges | \$957 | \$645 | \$645 | \$0 | \$0 | \$5,827 |
| Equipment | \$62,931 | \$43,000 | \$49,355 | \$0 | \$0 | \$284,619 |
| TOTAL | \$63,888 | \$43,645 | \$50,000 | \$0 | \$0 | \$290,446 |

Operating Description:

No additional O and M is needed since this is the replacement of existing equipment.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2480 - Sanitation

Category: Other

Project: T2411 - Sanitation Office Trailer (N)

Funding Source:

Sanitation Revenues

Project Description:

Currently, sanitation staff works out of a mobile trailer office. Over the years, growth in sanitation operations and reorganizational structure has created maximum capacity within the trailer. There are currently 80 employees in the sanitation division and the office environment is very tight. Anticipated growth in operational demand over the next five years would require a larger replacement trailer.

Capital Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|-------------------|------------|------------|------------|------------------|------------|------------|
| Finance Charges | \$0 | \$0 | \$0 | \$7,500 | \$0 | \$0 |
| IT/Phone/Security | \$0 | \$0 | \$0 | \$10,000 | \$0 | \$0 |
| Equipment | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 |
| TOTAL | \$0 | \$0 | \$0 | \$517,500 | \$0 | \$0 |

Operating Description:

Annual software and storage charges, telephone charges will be needed.

Operating Costs:

| | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FYs 16-20 |
|------------------------|------------|------------|------------|-----------------|-----------------|------------------|
| Electrical | \$0 | \$0 | \$0 | \$1,000 | \$1,030 | \$5,632 |
| PC/Vehicle Replacement | \$0 | \$0 | \$0 | \$20,000 | \$20,600 | \$112,649 |
| Water | \$0 | \$0 | \$0 | \$1,000 | \$1,030 | \$5,632 |
| TOTAL | \$0 | \$0 | \$0 | \$22,000 | \$22,660 | \$123,913 |

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset